

ABSTRACT

C4
An apparatus and method for driving a gas discharge lamp, and in particular for dimming fluorescent lamps or tubes. An electronic circuit for controlling a gas discharge lamp is connected to an electrical power source and generates a high frequency pulse train that is applied to the electrodes of the lamp to light the lamp. A choke limits the current drawn by the lamp. A first series of pulses is produced and independent from this a second series of pulses is produced independently from the first, the first and second series of pulses being combined additively to produce the high frequency pulse train.
